

FORM PTO-1449
(Rev. 8-83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY
DOCKET
No.

1715077

SERIAL NO.

10/668,461



INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

APPLICANTS

Iwa et al.

FILING DATE

09/23/03

GROUP

Unknown
2828

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE If Appropriate

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JW	04-259850	09/16/92	Japan	G01N	21/88	(Abstract)	
	07-243988	09/19/95	Japan	G01N	21/89	(Abstract)	
	2001-235429	08/31/01	Japan	G01N	21/956	(Abstract)	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

James Vannucci

DATE CONSIDERED

7-11-05

*EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE If Appropriate
<i>ju</i>	US 2001/0035951 A1	11/01/01	Isozaki et al.	G01N	21/00	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>ju</i>	DE 3641716 A1	06/16/88	Germany	G01N	21/53		X
<i>ju</i>	DE 198 59 211 A1	07/20/00	Germany	G01N	15/02		X
<i>ju</i>	WO 00/57229	09/28/00	PCT	G02B	6/42	X	
<i>ju</i>	WO 02/50599 A1	06/27/02	PCT	G02B	27/10	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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